L13 ANSWER 1906 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN
RN   140276-78-4 REGISTRY
ED   Entered STN: 10 Apr 1992
CN   GenBank M23756 (9CI) (CA INDEX NAME)
FS   NUCLEIC ACID SEQUENCE; WITHDRAWN GENBANK ACCESSION NUMBER
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L13 ANSWER 1907 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN
RN   140049-32-7 REGISTRY
ED   Entered STN: 03 Apr 1992
CN   GenBank M23027 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN   14: PN: WO02097042 PAGE: 7 unclaimed DNA
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: CA, CAPLUS, GENBANK, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 1908 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN
RN   135059-50-6 REGISTRY
ED   Entered STN: 26 Jul 1991
CN   DNA (Autographa californica nucleopolyhedrovirus clone p12-ES
     2.95-kilobase EcoRI-SalI fragment) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Deoxyribonucleic acid (Autographa californica nuclear polyhedrosis virus
     clone p12-ES 2.95-kilobase EcoRI-SalI fragment)
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   CA
LC   STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D HISTORY

     (FILE 'HOME' ENTERED AT 14:45:43 ON 14 JUL 2005)

     FILE 'REGISTRY' ENTERED AT 14:46:03 ON 14 JUL 2005
L1   0 S TGCA(TGC)(TGAU)A(TAC)CG(TGU)TCG/SQSN
L2   1908 S TCGA[TGC][TGAU]A[TAC]CG[TGU]TCG/SQSN

     FILE 'USPATFULL, PCTFULL, CAPLUS, BIOSIS, GENBANK' ENTERED AT 14:51:08 ON
     14 JUL 2005
L3   2381 S L2
              SET DUPORDER FILE
L4   2108 DUP REM L3 (273 DUPLICATES REMOVED)
L5   0 S L4@PY<2003
L6   443 S L4 AND PY<2003

```
L7          2605 S S6 AND (CPG OR CG OR ISS OR ODN)
L8            15 S L6 AND (CPG OR CG OR ISS OR ODN)

     FILE 'REGISTRY' ENTERED AT 15:02:41 ON 14 JUL 2005
L9             1 S 405121-21-3/RN
               SET NOTICE 1 DISPLAY
               SET NOTICE LOGIN DISPLAY

     FILE 'REGISTRY' ENTERED AT 15:03:37 ON 14 JUL 2005
L10            1 S 462161-21-3/RN
               SET NOTICE 1 DISPLAY
               SET NOTICE LOGIN DISPLAY

     FILE 'USPATFULL, CAPLUS, BIOSIS, GENBANK' ENTERED AT 15:05:24 ON 14 JUL
     2005

     FILE 'REGISTRY' ENTERED AT 15:05:25 ON 14 JUL 2005
L11            0 S L2 AND PY<2003
L12         1908 SORT L2 RN
L13         1908 S L12

=>

---Logging off of STN---


=>
Executing the logoff script...


=> LOG Y

COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                             3934.34    4233.74

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                                0.00      -6.57

STN INTERNATIONAL LOGOFF AT 15:32:30 ON 14 JUL 2005
```

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1802pxd

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   "Ask CAS" for self-help around the clock
NEWS 3   FEB 28   PATDPAFULL - New display fields provide for legal status
                   data from INPADOC
NEWS 4   FEB 28   BABS - Current-awareness alerts (SDIs) available
NEWS 5   MAR 02   GBFULL: New full-text patent database on STN
NEWS 6   MAR 03   REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 7   MAR 03   MEDLINE file segment of TOXCENTER reloaded
NEWS 8   MAR 22   KOREAPAT now updated monthly; patent information enhanced
NEWS 9   MAR 22   Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 10 MAR 22   PATDPASPC - New patent database available
NEWS 11 MAR 22   REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 12 APR 04   EPFULL enhanced with additional patent information and new
                   fields
NEWS 13 APR 04   EMBASE - Database reloaded and enhanced
NEWS 14 APR 18   New CAS Information Use Policies available online
NEWS 15 APR 25   Patent searching, including current-awareness alerts (SDIs),
                   based on application date in CA/CAplus and USPATFULL/USPAT2
                   may be affected by a change in filing date for U.S.
                   applications.
NEWS 16 APR 28   Improved searching of U.S. Patent Classifications for
                   U.S. patent records in CA/CAplus
NEWS 17 MAY 23   GBFULL enhanced with patent drawing images
NEWS 18 MAY 23   REGISTRY has been enhanced with source information from
                   CHEMCATS
NEWS 19 JUN 06   The Analysis Edition of STN Express with Discover!
                   (Version 8.0 for Windows) now available
NEWS 20 JUN 13   RUSSIAPAT: New full-text patent database on STN
NEWS 21 JUN 13   FRFULL enhanced with patent drawing images
NEWS 22 JUN 27   MARPAT displays enhanced with expanded G-group definitions
                   and text labels
NEWS 23 JUL 01   MEDICONF removed from STN
NEWS 24 JUL 07   STN Patent Forums to be held in July 2005
NEWS 25 JUL 13   SCISEARCH reloaded

NEWS EXPRESS   JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

       * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:45:43 ON 14 JUL 2005

=> FILE REGISTRY
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                      ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 14:46:03 ON 14 JUL 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUL 2005   HIGHEST RN 854992-86-2
DICTIONARY FILE UPDATES: 13 JUL 2005   HIGHEST RN 854992-86-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005   /

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

****
*   *
* The CA roles and document type information have been removed from   *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now   *
* available and contains the CA role and document type information.   *
* *   *
****

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> TGCA(TGC)(TGAU)A(TAC)CG(TGU)TCG
TGCA(TGC)(TGAU)A(TAC)CG(TGU)TCG IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> S TGCA(TGC)(TGAU)A(TAC)CG(TGU)TCG/SQSN
L1   0 TGCA(TGC)(TGAU)A(TAC)CG(TGU)TCG/SQSN

=> S TCGA[TGC][TGAU]A[TAC]CG[TGU]TCG/SQSN
L2   1908 TCGA[TGC][TGAU]A[TAC]CG[TGU]TCG/SQSN

=> FILE USPATFULL PCTFULL CAPLUS BIOSIS GENBANK
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                      ENTRY   SESSION
FULL ESTIMATED COST   58.44   58.65

```
FILE 'USPATFULL' ENTERED AT 14:51:08 ON 14 JUL 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'PCTFULL' ENTERED AT 14:51:08 ON 14 JUL 2005
COPYRIGHT (C) 2005 Univentio

FILE 'CAPLUS' ENTERED AT 14:51:08 ON 14 JUL 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 14:51:08 ON 14 JUL 2005
Copyright (c) 2005 The Thomson Corporation

FILE 'GENBANK' ENTERED AT 14:51:08 ON 14 JUL 2005

=> S L2
'SQSN' IS NOT A VALID FIELD CODE
L3          2381 L2

=> SET DUPORDER FILE
SET COMMAND COMPLETED

=> DUP REM L3
DUPLICATE IS NOT AVAILABLE IN 'GENBANK'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L3
L4          2108 DUP REM L3 (273 DUPLICATES REMOVED)
                 ANSWERS '1-65' FROM FILE USPATFULL
                 ANSWERS '66-375' FROM FILE CAPLUS
                 ANSWERS '376-391' FROM FILE BIOSIS
                 ANSWERS '392-2108' FROM FILE GENBANK

=> S L4@py<2003
'2003' NOT A VALID FIELD CODE
'2003' NOT A VALID FIELD CODE
'2003' NOT A VALID FIELD CODE
'2003' NOT A VALID FIELD CODE
'2003' NOT A VALID FIELD CODE
L5             0 L4@PY<2003

=> S L4/PY<2004
QUALIFICATION NOT VALID FOR L***
Field code qualifications can only be applied to text
terms.

=> D HISTORY                                         TCGA

     (FILE 'HOME' ENTERED AT 14:45:43 ON 14 JUL 2005)

     FILE 'REGISTRY' ENTERED AT 14:46:03 ON 14 JUL 2005
L1           0 S TGCA(TGC)(TGAU)A(TAC)CG(TGU)TCG/SQSN
L2        1908 S TCGA[TGC][TGAU]A[TAC]CG[TGU]TCG/SQSN

     FILE 'USPATFULL, PCTFULL, CAPLUS, BIOSIS, GENBANK' ENTERED AT 14:51:08 ON
     14 JUL 2005
L3        2381 S L2
               SET DUPORDER FILE
L4        2108 DUP REM L3 (273 DUPLICATES REMOVED)
L5           0 S L4@PY<2003

=> S L4 AND py<2003
   4 FILES SEARCHED...
L6         443 L4 AND PY<2003
```

```
        6B6
PI      US 6035570              20000314                        <--
AI      US 1998-80114           19980518 (9)
DT      Utility
FS      Granted
EXNAM   Primary Examiner: Silbermann, Joanne
LREP    Wong, David W.
CLMN    Number of Claims: 4
ECL     Exemplary Claim: 1
DRWN    4 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 160
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB      The tracking device is adapted for attaching to clothing and/or clothing
        accessories for tracking the date, the event and any remarks pertaining
        to the event in which the clothing and/or clothing accessories were
        worn. The device is a sheet material having a circular opening and two
        parallel scored lines extending from one edge to a portion close to the
        other edge opposite to the first edge. The scored lines are designed to
        be punctured selectively to form slot openings of selective shape and
        length for attaching the device to the clothing and/or the clothing
        accessories.


=> D HIS

      (FILE 'HOME' ENTERED AT 14:45:43 ON 14 JUL 2005)

      FILE 'REGISTRY' ENTERED AT 14:46:03 ON 14 JUL 2005
L1            0 S TGCA(TGC)(TGAU)A(TAC)CG(TGU)TCG/SQSN
L2         1908 S TCGA[TGC][TGAU]A[TAC]CG[TGU]TCG/SQSN


      FILE 'USPATFULL, PCTFULL, CAPLUS, BIOSIS, GENBANK' ENTERED AT 14:51:08 ON
      14 JUL 2005
L3         2381 S L2
                  SET DUPORDER FILE
L4         2108 DUP REM L3 (273 DUPLICATES REMOVED)
L5            0 S L4@PY<2003
L6          443 S L4 AND PY<2003
L7         2605 S S6 AND (CPG OR CG OR ISS OR ODN)
L8           15 S L6 AND (CPG OR CG OR ISS OR ODN)


      FILE 'REGISTRY' ENTERED AT 15:02:41 ON 14 JUL 2005
L9            1 S 405121-21-3/RN
                  SET NOTICE 1 DISPLAY
                  SET NOTICE LOGIN DISPLAY


      FILE 'REGISTRY' ENTERED AT 15:03:37 ON 14 JUL 2005
L10           1 S 462161-21-3/RN
                  SET NOTICE 1 DISPLAY
                  SET NOTICE LOGIN DISPLAY


      FILE 'USPATFULL, CAPLUS, BIOSIS, GENBANK' ENTERED AT 15:05:24 ON 14 JUL
      2005

      FILE 'REGISTRY' ENTERED AT 15:05:25 ON 14 JUL 2005

=> S L2 AND py<2003
'2003' NOT A VALID FIELD CODE
            0 PY<2003
L11           0 L2 AND PY<2003

=> SORT L2/RN
'L2/RN' IS NOT VALID HERE

=> SORT L2
```

```
192201 atgtacctcg atatgtgtac atcttcgggc cacaggccac ggccgccagc
192251 acctccgcgg ccgaaaaaat gtcaaacaca cgcccctcac cacgttcatc
192301 attgaaagtc tctccagtcc atatgttgtc aggacgtgct gtcgttctcc
192351 gcttgctgcg aagcccgttc ttccgagtcg tgtcgctgcg tccagcgtcg
192401 cgcccaagat gggaatttgg gtcttttcac gcgtagcctc ctccaccacg
192451 gctgctgatc gccgtcacta aggaccgaca cggaggatga cgaggagctt
192501 ctccccgact ccgcggtccg cgaccggcta cgtagcgcgt gtccctgcca
192551 gtctccgcag ttacaccaca cgtcgtgagc agcgtgcacc tgctgccgcc
192601 actgggcctc ggcgtgctca ggccacccgc cggagcccgg tctgagctcc
192651 gacgcaggat gcgcgtactc aacgtgcgcc ttccagtcca tacagcaaca
192701 ccataggtcg tgcgagtcgt cggctacccg ccgccaggcc agttcccgca
192751 tgggaaggct ggacacgccg accgagaggt caccgagccc ggacgccatc
192801 tcttcttcct ctccgtcgct gtcattaagc agccaggtca cctcctccgc
192851 tccgcgtccg ccggtctcga cggaccgcgc cgccgtcggc aacacggaaa
192901 acagcacgcc agcccgagcc gctaaggccg catgcccctg ccgcccaact
192951 gaacacgcat accccgctca actgcgtttt gccacccctg tcagtgctct
193001 cgctcgagca ccaccccgca tctcccaacc tttttccaat aaacgaaacc
193051 gacatgacac acgtaatggg tactcgtggc tagatttatt gaaataaacc
193101 gcgatcccgg gcgtctcagc acacgaaaaa ccgcatccac atcatagaca
193151 agttacagtc cacagtcaca tacacgataa acaataccaa cagggtaatg
193201 tttatggagt aaaacactat tgtccaggcc acatgcgtgt atgacttccg
193251 caccatcccg tactgcatgt tccacatgta cgcgctagac gtgtaatcca
193301 ctcgcagttc ggggacgcaa cgcagccaga tcacatcccc ttgcagtacc
193351 agacgcaggg ctagcgtctc gaagatcggc atcacatcta agttccgcac
193401 gttccacttt aacgactccc cgggaacgaa ctccacgtcg tcggcgtgta
193451 cgtacaggtt ctctcccacg ccgccataat cggccttcgg atcgaagacg
193501 aaccgactca tgttgcccac gatgctcccc cgagcaaaca acttgccgtt
193551 gtcaatgtag caccggttgt cctcgatttg aaaccaggga tgcttggccg
193601 tggacttcca gggccggagc gcgtcttccc cggctttagt gattccatcg
193651 ggcaggcgga tcaagggacc catggaggtc caaagaccca cccaggcttt
193701 ccagagattg ttcatggtga aacagcgtgt ggactgtacg ctctttccca
193751 atttatatcc cagagtagtg acgtgagccc agccacctcc cagattcctg
193801 acgttttggt tgtctttcct gccaattcct cccgtaaact tatgattatc
193851 ctagcccatt cccgataaaa atacacggag acagtagata gagttacgaa
193901 taaaccggtt tatttattca agtgtctcag gagattattg aacgagcgtg
193951 gataccacgc cgtcgtcagt tcatggtggc attgagcagc catagcacca
194001 gagtcccggc gcccggtatc agacacgctg acctaccggg cgccttcgag
194051 tccgtacccc gcggcctggg tgttagagtc cgtaccttgc agcccaggta
194101 ggtttcaggt accagctggt tcgtacctgt taaataaatc gcagacgggc
194151 gctcaccct acggtcagga gcacaagaac aaccagagag aacagatata
=> D HISTORY

       (FILE 'HOME' ENTERED AT 14:45:43 ON 14 JUL 2005)

       FILE 'REGISTRY' ENTERED AT 14:46:03 ON 14 JUL 2005
L1          0 S TGCA(TGC)(TGAU)A(TAC)CG(TGU)TCG/SQSN
L2       1908 S TCGA[TGC][TGAU]A[TAC]CG[TGU]TCG/SQSN

       FILE 'USPATFULL, PCTFULL, CAPLUS, BIOSIS, GENBANK' ENTERED AT 14:51:08 ON
       14 JUL 2005
L3       2381 S L2
            SET DUPORDER FILE
L4       2108 DUP REM L3 (273 DUPLICATES REMOVED)
L5          0 S L4@PY<2003
L6        443 S L4 AND PY<2003
L7       2605 S S6 AND (CPG OR CG OR ISS OR ODN)
L8         15 S L6 AND (CPG OR CG OR ISS OR ODN)

       FILE 'REGISTRY' ENTERED AT 15:02:41 ON 14 JUL 2005
L9          1 S 405121-21-3/RN
            SET NOTICE 1 DISPLAY
            SET NOTICE LOGIN DISPLAY

       FILE 'REGISTRY' ENTERED AT 15:03:37 ON 14 JUL 2005
L10         1 S 462161-21-3/RN
```

FILE 'USPATFULL, CAPLUS, BIOSIS, GENBANK' ENTERED AT 15:05:24 ON 14 JUL
2005

FILE 'REGISTRY' ENTERED AT 15:05:25 ON 14 JUL 2005
L11   0 S L2 AND PY<2003
L12   1908 SORT L2 RN

=> D L12 KWIC SQL 1-10

L12 ANSWER 1 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ   301 ttctcgcacc agcggtcctg attcgactaa cggtcgattg gatggcttaa
                                  ========= ======
HITS AT: 323-336
SQL 2953

L12 ANSWER 2 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ   1151 ctggtggaag aacaggacac gaactttgtg tgtcgacgaa cgttcgtgga
                                            ========= ======
HITS AT: 1183-1196
SQL 3745

L12 ANSWER 3 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ   751 atcgagtacc ggtcgcagaa gacctggcgc ctgcccattg tagatattgc
           ========= =====
HITS AT: 752-765
SQL 867

L12 ANSWER 4 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ   401 aaatggggca agacggtgat cgagtaccgg tcgcagaaga cctcgcgcct
                              = ========== ===
HITS AT: 420-433
SQL 1058

L12 ANSWER 5 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ 90151 accacgctcg aggaacggtc gcatagcgag agagtggcca gaatctcctg
                      === ========== =
HITS AT: 90158-90171

RELATED SEQUENCES AVAILABLE WITH SEQLINK
SQL 229354

L12 ANSWER 6 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ   1151 aggagaagct acactggtgg aagaacaaga cgcgaacttt gtgtgtcgac
                                                        =====
      1201 gaacgttcgt ggacagaggc tggggtaatg gctgcggact atttggaaaa
           =========
HITS AT: 1196-1209
SQL 10717

L12 ANSWER 7 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN

SEQ   4551 gcgacttcga tgatcggtcg cagattcggg ctgaaagaac gattacaagc
           ==== ==========
HITS AT: 4557-4570
SQL 38503

```
 601 tgtcaggagc tacgtgggtg gatgtggtac tggagcatgg aagttgcgtc
 651 actaccatgg caaaagacaa accaacactg gacattgaac tcttgaagac
 701 ggaggtcaca aaccctgccg tcctgcgcaa actgtgcatt gaagctaaaa
 751 tatcaaacac caccaccgat tcgagatgtc caacacaagg agaagccacg
 801 ctggtggaag aacaggacac gaactttgtg tgtcgacgaa cgttcgtgga
 851 cagaggctgg ggcaatggtt gtgggctatt cggaaaaggt agcttaataa
 901 cgtgtgctaa gtttaagtgt gtgacaaaac tggaaggaaa gatagtccaa
 951 tatgaaaact taaaatattc agtgatagtc accgtacaca ctggagacca
1001 gcaccaagtt ggaaatgaga ccacagaaca tggaacaact gcaaccataa
1051 cacctcaagc tcccacgtcg gaaatacagc tgacagacta cggagctcta
1101 acattggatt gttcacctag aacagggcta gactttaatg agatggtgtt
1151 gttgacaatg gaaaaaaaat catggctcgt ccacaaacaa tggtttctag
1201 acttaccact gccttggacc tcggggggctt caacatccca agagacttgg
1251 aatagacaag acttgctggt cacatttaag acagctcatg caaaaaagca
1301 ggaagtagtc gtactaggat cacaagaagg agcaatgcac actgcgttga
1351 ctggagcgac agaaatccaa acgtctggaa cgacaacaat ttttgcagga
1401 cacctgaaat gcagactaaa aatggataaa ctgactttaa aagggatgtc
1451 atatgtaatg tgcacagggt cattcaagtt agagaaggaa gtggctgaga
1501 cccagcatgg aactgttcta gtgcaggtta aatacgaagg aacagatgca
1551 ccatgcaaga tcccccttctc gtcccaagat gagaagggag taacccagaa
1601 tgggagattg ataacagcca accccatagt cactgacaaa gaaaaaccag
1651 tcaacattga agcggagcca ccttttggtg agagctacat tgtggtagga
1701 gcaggtgaaa aagctttgaa actaagctgg ttcaagaagg gaagcagtat
1751 agggaaaatg tttgaagcaa ctgcccgtgg agcacgaagg atggccatcc
1801 tgggagacac tgcatgggac ttcggttcta taggagggggt gttcacgtct
1851 gtgggaaaac tgatacacca gatttttggg actgcgtatg gagttttgtt
1901 cagcggtgtt tcttggacca tgaagatagg aataggggatt ctgctgacat
1951 ggctaggatt aaactcaagg agcacgtccc tttcaatgac gtgtatcgca
2001 gttggcatgg tcacgctgta cctaggagtc atggttcagg cg
```

RELATED SEQUENCES AVAILABLE WITH SEQLINK
MF   Unspecified
CI   MAN
SR   CA
LC   STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P   Roles from patents: PRP (Properties)
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> D HISTORY

      (FILE 'HOME' ENTERED AT 14:45:43 ON 14 JUL 2005)

      FILE 'REGISTRY' ENTERED AT 14:46:03 ON 14 JUL 2005
L1   0 S TGCA(TGC)(TGAU)A(TAC)CG(TGU)TCG/SQSN
L2   1908 S TCGA[TGC][TGAU]A[TAC]CG[TGU]TCG/SQSN

      FILE 'USPATFULL, PCTFULL, CAPLUS, BIOSIS, GENBANK' ENTERED AT 14:51:08 ON
      14 JUL 2005
L3   2381 S L2
             SET DUPORDER FILE
L4   2108 DUP REM L3 (273 DUPLICATES REMOVED)
L5   0 S L4@PY<2003
L6   443 S L4 AND PY<2003
L7   2605 S S6 AND (CPG OR CG OR ISS OR ODN)
L8   15 S L6 AND (CPG OR CG OR ISS OR ODN)

```
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


L13   ANSWER 1861 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN    202244-98-2   REGISTRY
ED    Entered STN:   05 Mar 1998
CN    GenBank AA735937 (9CI)   (CA INDEX NAME)
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   GENBANK


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***


L13   ANSWER 1862 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN    201432-16-8   REGISTRY
ED    Entered STN:   17 Feb 1998
CN    GenBank AF036706 (9CI)   (CA INDEX NAME)
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   GENBANK


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***


L13   ANSWER 1863 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN    201324-69-8   REGISTRY
ED    Entered STN:   12 Feb 1998
CN    GenBank AA698377 (9CI)   (CA INDEX NAME)
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   GENBANK


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***


L13   ANSWER 1864 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN    200461-42-3   REGISTRY
ED    Entered STN:   29 Jan 1998
CN    GenBank AC003541 (9CI)   (CA INDEX NAME)
FS    NUCLEIC ACID SEQUENCE; SECONDARY GENBANK ACCESSION NUMBER
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   GENBANK


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***


L13   ANSWER 1865 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN    200236-79-9   REGISTRY
ED    Entered STN:   22 Jan 1998
CN    GenBank B62057 (9CI)   (CA INDEX NAME)
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
```

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                1 REFERENCES IN FILE CA (1907 TO DATE)
                1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13   ANSWER 1903 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   142097-35-6   REGISTRY
ED   Entered STN: 26 Jun 1992
CN   RNA (dengue virus 1 strain S275/90) (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Ribonucleic acid (dengue virus 1 strain S275/90)
OTHER NAMES:
CN   7: PN: WO2005030800 PAGE: 19 claimed DNA
CN   GenBank M87512
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                3 REFERENCES IN FILE CA (1907 TO DATE)
                3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13   ANSWER 1904 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   141157-48-4   REGISTRY
ED   Entered STN: 08 May 1992
CN   DNA (human herpesvirus 5 strain AD169) (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   1999: PN: US20040009479 TABLE: 8 unclaimed DNA
CN   1: PN: WO2004058166 PAGE: 1 unclaimed DNA
CN   204: PN: WO03014381 SEQID: 97 unclaimed DNA
CN   2: PN: WO02062296 TABLE: 1 unclaimed DNA
CN   2: PN: WO2005035771 PAGE: 7 unclaimed DNA
CN   84: PN: US20050003341 PAGE: 35 unclaimed DNA
CN   90: PN: US20040022764 PAGE: 29-33 unclaimed DNA
CN   GenBank X17403
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                8 REFERENCES IN FILE CA (1907 TO DATE)
                9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13   ANSWER 1905 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   140545-78-4   REGISTRY
ED   Entered STN: 17 Apr 1992
CN   GenBank L00063 (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   GenBank K01568 (Secondary GenBank Accession Number)
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

```
CN    4482: PN: WO03016476 TABLE: 28 claimed DNA
CN    GenBank H16436
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   CA, CAPLUS, GENBANK

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                4 REFERENCES IN FILE CA (1907 TO DATE)
                4 REFERENCES IN FILE CAPLUS (1907 TO DATE)
SQL   411

L12   ANSWER 21 OF 1908  REGISTRY  COPYRIGHT 2005 ACS on STN
RN    179785-75-2  REGISTRY
ED    Entered STN:  16 Aug 1996
CN    GenBank AA019613 (9CI)   (CA INDEX NAME)
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
SQL   508

L12   ANSWER 22 OF 1908  REGISTRY  COPYRIGHT 2005 ACS on STN
RN    181014-48-2  REGISTRY
ED    Entered STN:  19 Sep 1996
CN    DNA (Mycobacterium tuberculosis strain H37Rv 39,150-nucleotide fragment)
      (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN    13: PN: WO0102555 FIGURE: 11A unclaimed DNA
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    CA
LC    STN Files:   CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                3 REFERENCES IN FILE CA (1907 TO DATE)
                3 REFERENCES IN FILE CAPLUS (1907 TO DATE)
SQL   40778

L12   ANSWER 23 OF 1908  REGISTRY  COPYRIGHT 2005 ACS on STN
RN    181622-01-5  REGISTRY
ED    Entered STN:  03 Oct 1996
CN    GenBank U63737 (9CI)   (CA INDEX NAME)
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   CA, CAPLUS, GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                1 REFERENCES IN FILE CA (1907 TO DATE)
                1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
SQL   3919
```

```
                            ======== ======
HITS AT:    13-26
SQL  270


L12   ANSWER 19 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN

SEQ   3951 cccggcgccg ttgatacccca gcagcggtcc gacaaccacg tcgatgaccg
                                                         ==========
      4001 gtcgcagttg ctgcagcccg aggacgttgc tgagtacatt gcattcattg
           ====
HITS AT:    3991-4004
SQL  8437


L12   ANSWER 20 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN

SEQ    101 accaccttca tcgaggaccg gtcgcccacc aaagacagcc tcgagtaccc
                      ========== ====
HITS AT:    111-124

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**
SQL  411


L12   ANSWER 21 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN

SEQ    401 gggggggacg gtgtggccgc ccgactgctg cgagacccac cttcatcgag
                                                         =====
      451 gaccggtcgc ccancaaaga cagcttcgag tancccggat ggaaagttca
           =========
HITS AT:    446-459
SQL  508


L12   ANSWER 22 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN

SEQ  36251 aggggcgtcg agaatcgttc ggaaggcggc ggtatcgacg tcgtcttggt
                      === ========== =
HITS AT:    36258-36271
SQL  40778


L12   ANSWER 23 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN

SEQ   3801 tatattttga ataccccctc gacaatcgtt cgctctgcca gtccaatcga
                                == ========== ==
HITS AT:    3819-3832
SQL  3919


L12   ANSWER 24 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN

SEQ  15951 tatactccgg gatgatcgac aaacggtcgc ccgtggtttt gttttcactc
                                ===== ==========
HITS AT:    15966-15979
SQL  18994


L12   ANSWER 25 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN

SEQ  92301 gtctcttcag cttccaacct gtcggcctgg cgcttggtaa gttcctcttc
                                                         ==
     92351 gacaaccggt cgacggcatc ggctgtggca acgcccactc ggcctttctt
           ========== ==
HITS AT:    92349-92362
SQL  108845


L12   ANSWER 26 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN

SEQ  13501 acaacgaccg ttgttagctt cgatgatcgg tcgcagcatt gccgctaact
                      = ========== ===
```

```
              2651 acagtggtcg taggagacgt tagtggaatc ttggcccaag gaaagaaaat
              2701 gattaggcca caacccatgg aacacaaata ctcgtggaaa agctgggggaa
              2751 aagccaaaat cataggagca gatgtacaga ataccacctt catcatcgac
              2801 ggcccaaaca ccccagaatg ccctgataac caaagagcat ggaacatttg
              2851 ggaagttgaa gactatggat ttggaatttt cacgacaaac atatggttga
              2901 aattgcgtga ctcctacact caagtgtgtg accaccggct aatgtcagct
              2951 gccatcaagg atagcaaagc agtccatgct gacatggggt actggataga
              3001 aagtgaaaag aacgagactt ggaagttggc aagagcctcc ttcatagaag
              3051 ttaagacatg catctggcca aaatcccaca ctctatggag caatggagtc
              3101 ctggaaagtg agatgataat cccaaagata tatggaggac caatatctca
              3151 gcacaactac agaccaggat atttcacaca aacagcaggg ccgtggcact
              3201 tgggcaagtt agaactagat tttgatttat gtgaaggtac cactgttgtt
              3251 gtggatgaac attgtggaaa tcgaggacca tctcttagaa ccacaacagt
              3301 cacaggaaag acaatccatg aatggtgctg tagatcttgc acgttacccc
              3351 ccctacgttt caaaggagaa gacgggtgct ggtacggcat ggaaatcaga
              3401 ccagtcaagg agaaggaaga gaacctagtt aagtcaatgg tctctgcagg
              3451 gtcaggagaa gtggacagtt tttcactagg actgctatgc atatcaataa
              3501 tgatcgaaga ggtaatgaga tccagatgga gcagaaaaat gctgatgact
              3551 ggaacattgg ctgtgttcct ccttctcaca atgggacaat tgacatggaa
              3601 tgatctgatc aggctatgta tcatggttgg agccaacgct tcagacaaga
              3651 tggggatggg aacaacgtac ctagctttga tggccacttt cagaatgaga
              3701 ccaatgttcg cagtcgggct actgtttcgc agattaacat ctaga
HITS AT:      1183-1196

L12   ANSWER 3 OF 1908  REGISTRY  COPYRIGHT 2005 ACS on STN
RN    140276-78-4  REGISTRY
ED    Entered STN:  10 Apr 1992
CN    GenBank M23756 (9CI)  (CA INDEX NAME)
FS    NUCLEIC ACID SEQUENCE; WITHDRAWN GENBANK ACCESSION NUMBER
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   GENBANK


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
RN    140276-78-4  REGISTRY
FS    NUCLEIC ACID SEQUENCE; WITHDRAWN GENBANK ACCESSION NUMBER
SQL   867
NA    213 a    272 c    244 g    138 t

SEQ      1 ggtcctcctg gaaaccccgg tcctcccggt cctcctggcc cccccggcac
        51 cggcatcgac atgtctgctt ttgctggact gggtcagacg gagaagggcc
       101 ccgaccccat ccgctacatg agggcagacg aggcggccgg agggctgcgg
       151 cagcacgacg tggaggtgga cgccaccctc aaatccctca acatcagat
       201 tgagagcatc cgcagccccg agggctccaa gaagaaccct gccaggacct
       251 gccgcgacat caaactctgc catcccgagt ggaagagcgg agattactgg
       301 attgacccga accagggctg caccttggac gccatcaaag tattctgcaa
       351 catggagaca ggcgagacct gcgtctaccc gaccccccagc aacatcccca
       401 ggaagaactg gtggaccagc aagacgaaag acaagaagca cgtctggttt
       451 gcagagacca tcaacggcgg tttccacttc agctacggcg atgagaacct
       501 gtcccccaac accgccagca tccagatgac cttcctgcgc ctgctgtcca
       551 ccgagggctc ccagaacgtc acctaccact gcaagaacag catcgcctac
       601 atggacgagg agacgggcaa cctgaagaaa gccatcctca tccagggatc
       651 caacgacgtg gagatcagag ccgagggcaa cagcaggttc acctacagcg
       701 tcttggagga cggctgcacg aaacacactg gtaaatgggg caagacggtg
       751 atcgagtacc ggtcgcagaa gacctggcgc ctgcccattg tagatattgc
             ========= =====
       801 acctatggac attggcggag ccgatcagga gtttggcgtg gatattggcc
       851 cagtctgctt cttgtaa
HITS AT:      752-765

L12   ANSWER 4 OF 1908  REGISTRY  COPYRIGHT 2005 ACS on STN
RN    140545-78-4  REGISTRY
ED    Entered STN:  17 Apr 1992
```

CN   GenBank L00063 (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   GenBank K01568 (Secondary GenBank Accession Number)
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
RN   140545-78-4 REGISTRY
FS   NUCLEIC ACID SEQUENCE
SQL   1058
NA   259 a   288 c   272 g   237 t   1 r   1 y

SEQ   1 cgcggacttt ractcctcac ctcttccctc cagttcagct acggcgatga
       51 gaacctgtcc cccaacaccg ccagcatcca gatgaccttc ctgcgcctcc
      101 tgtccaccga gggctcccag aacgtcacct accactgcaa gaacagcatc
      151 gcctacatgg acgaggagac gggcaacctg aagaaagcca tcctcatcca
      201 gggatccaac gacgtggaga tcagagccga gggcaacagc aggttcacct
      251 acagcgtctt ggaggacggc tgcacggtag gttgctgggc gcctgcaaag
      301 gaaaggtgca gatggggagg gggaggctga ggctgggggg atgaggccgg
      351 agcagctgac agcatccctg ccctccttcc ctccccagaa acacactggc
      401 aaatggggca agacggtgat cgagtaccgg tcgcagaaga cctcgcgcct
                         = ========== ===
      451 gcccattgta gatattgcac ctatggacat tggcggagcc gatcaggagt
      501 ttggcgtgga tattggccca gtctgcttct tgtaaaaagg gttgttgtta
      551 tttgtgtgtt tgtttgttgt ttggttgttg ttttttgttt cttttttttt
      601 tttttttttta aaaaaaaaag aaaggaatcc agcccaatcc cataaaagca
      651 aaccagtccc accccagga cccgcacgtt cccagcacaa cttctgcact
      701 gaacggatgg cacgaccccg cgcccttcg ggaccctccg gcgccgtcac
      751 cgggcagact gcgaaataca accacgggct tatatttatt tattgccttc
      801 ctggaaggcc tggtttcgta gggcgggtgg aggtgggaat caatctggca
      851 ggtgtgacgg ccccctccc cacaaaggga tctggcaaac gcaggtatcg
      901 cgaatcccct cccctcccg tgtatcacca gcaggagtgc taatgtatca
      951 tacaacagaa atggtgcyat tcttgtaaaa caagtctgta ttttttaaca
    1001 tcagttgata taaaaacaac aaaaaaaaaa aacttttggt ggaaagtaaa
    1051 gctgctct
HITS AT: 420-433

L12 ANSWER 5 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN
RN   141157-48-4 REGISTRY
ED   Entered STN: 08 May 1992
CN   DNA (human herpesvirus 5 strain AD169) (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   1999: PN: US20040009479 TABLE: 8 unclaimed DNA
CN   1: PN: WO2004058166 PAGE: 1 unclaimed DNA
CN   204: PN: WO03014381 SEQID: 97 unclaimed DNA
CN   2: PN: WO02062296 TABLE: 1 unclaimed DNA
CN   2: PN: WO2005035771 PAGE: 7 unclaimed DNA
CN   84: PN: US20050003341 PAGE: 35 unclaimed DNA
CN   90: PN: US20040022764 PAGE: 29-33 unclaimed DNA
CN   GenBank X17403
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
               8 REFERENCES IN FILE CA (1907 TO DATE)

RN   153271-97-7 REGISTRY
ED   Entered STN: 25 Feb 1994
CN   DNA (dengue virus 1 strain S275/90) (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Deoxyribonucleic acid (dengue virus 1 strain S275/90)
OTHER NAMES:
CN   DNA (Dengue virus serotype 1 (Singapore strain) DEN1-S275/90 genome cDNA)
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   CA
LC   STN Files: CA, CAPLUS, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                2 REFERENCES IN FILE CA (1907 TO DATE)
                2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
SQL   10718

        => D L12 IDE SQD 1-10

L12   ANSWER 1 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN
RN   135059-50-6 REGISTRY
ED   Entered STN: 26 Jul 1991
CN   DNA (Autographa californica nucleopolyhedrovirus clone p12-ES
        2.95-kilobase EcoRI-SalI fragment) (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Deoxyribonucleic acid (Autographa californica nuclear polyhedrosis virus
        clone p12-ES 2.95-kilobase EcoRI-SalI fragment)
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified.
CI   MAN
SR   CA
LC   STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                1 REFERENCES IN FILE CA (1907 TO DATE)
                1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
RN   135059-50-6 REGISTRY
FS   NUCLEIC ACID SEQUENCE
SQL   2953
NA   850 a   653 c   649 g   801 t
NTE   doublestranded

SEQ   1 gtcgacgaca tttttctttc cttctacgca ttctttcata caaatgtttc
          51 tcttgctgcg ttttttaaaa ttggaatttt taatttcatt aatagtgggc
         101 ggagcgttaa cagcatgtac aatcgcagtc cggaaatttt gaccaaaacc
         151 ccgccattgt agaataccgt gtatggagtt agggtcaatt tatcaataaa
         201 atcatcggga tcaattaaat atgtagcttt cttgtctaaa catgacgctc
         251 taatgagcgg actccacacg ttatacgatg cattcgccat acttcgcggc
         301 ttctcgcacc agcggtcctg attcgactaa cggtcgattg gatggcttaa
                                   ======== ======
         351 tagttttaac gtcaccgaca tactcggtaa ttttgtagtc ggcagttctt
         401 ttgggcctga tcgttgtcac tacgggggtc atgtcatcgc ttcgtaaaaa
         451 cttattacaa tcaaagctcg tgccggaacg cgtgcacaga tcgtgcacgt
         501 tgcgtcgcaa gctatttaat tcgcgcttta tttgatctct atcatagtcg
         551 tgttgagatg cgacaacggg cgcattgtta attcttgacg tgcgatacat
         601 aatatattat tggataaagt tgcattaaat gaaactaact tacaagatgg
         651 ctagtttgtt aaaatacgcg ctgcgcttga ctcgggaata caaagaaaac
         701 attattccac actttgatca cttgactcga ttgcgcgatt taatcgacgc
         751 catgattaaa agcgaggatg tacaacgttt taatcgcact aatcgcaatg

```
   801 atttaatttc ggcttgcatg caaatcaacg ttcggacgta catgcccaac
   851 gccacgatag atatgcgcaa acaacccaac tgtatatatt ttcgaatttg
   901 ccaatattgc cacttggagg ccgacgtgcc ttcgcccgac gatcattcgg
   951 tgtacagata cttgtgcgtc gcggtcggca cgcgtggtca tcgaccaccc
  1001 gctcgacgtg ttcggccaca cggaggaagg cgtcaacgaa ctgctcgagg
  1051 tgcagcgagt caacgcgggc ggggagttgt aggcgtcata actatttatt
  1101 aaataagata atttaaaaaa tcgccgttaa tatgcaaatc aaaactgtac
  1151 tattggcttt tgcgatgttt gccgcgttga acgcgcaaca cgttttagcc
  1201 gcttgcgccg agaccggagc cgtctgcgtt cataacgacg agtgttgtag
  1251 cggactgcat gttcccccat atttaattat tgcttaccac aataagttta
  1301 gtttgcgtta aaaaacaata gttgttgcaa aatcgacaca cgtgtatcaa
  1351 aatggctcgc gttaaaattg gagaatttaa atttggagaa gatacgttca
  1401 acctgcggta cgtgctagag cgcgaccaac aggtccggtt cgtggccaag
  1451 gacgtcgcta acagtttaaa atatacagtt tgtgataaag ctatacgtgt
  1501 tcatgtagac aataaataca aatcgttatt tgagcagacc atccaaaatg
  1551 ggggccctac ctctaacagc gtcgtgaaaa ggggcgaccc gctgtatttg
  1601 cagccgcata cagtgctcat tactaaatcc ggcgtgattc agctgattat
  1651 gaagtccaaa ttgccttacg ccatagaatt acaagaatgg cttttagaag
  1701 aagtaattcc tcaagtgctc tgcaccggca agtacgatcc cgcgatcaaa
  1751 caacgggagg aggagagcaa acagttggtg actaagctga ttgcgacatt
  1801 caccgagcac acaaacgcgc tgcaagcggt ggtggcgcaa aaaaccgagg
  1851 aacttgttaa aaaacaagag tttattgaac gcatcgttgc catcaaggac
  1901 aagcagatcg aggccaaaga tttgcaggtc acgcgcgtca tgactgatct
  1951 aaaccgcatg tacaccggct tccaggaaac catgcaaaag aaagacgaaa
  2001 taatgcagaa aaaagacgcg caggtcaccg atttagttgc caaagtggtg
  2051 gatttgtcgg atcgcgcggt tcaataccccc gcggacaagc gcaaacatcc
  2101 ggtgttgtgc gtgacgcgcg acggcactac gtttacggct attaccggcc
  2151 aaaagacgta cgtggaaaac caaaagcata aacgtaacat caacgttgcc
  2201 aacattgtgg tggagaatat ccggcctaat cctaccgtcg attggaacaa
  2251 cgccactgat cggctacaag ctaaacggag caagcgaagc atagttttgg
  2301 ttcgctggaa gaagcgcaac aatttgaaaa taggataaag tatttgttaa
  2351 agaatgcaaa taatattaat taaattaaaa taaatcttga acgtaatttt
  2401 gtctttcaat tttgtgacct ctggcttttt cgaatctatc tatggcttcc
  2451 tgcggcgcaa tacccagggt gtgcattaaa tatctgcaca ccatgtaacc
  2501 ggtgcgatta ataccgtgtg tgcagtgcac gcccaccaac atgccgggac
  2551 actttctgt aaattctttt accgtgtcaa taaattcttg aactatgctt
  2601 tcaggcggca aagtctggcc aggtacttga attttttgt ataacaggcc
  2651 cgcccgcaaa aaatgcacac catcataata tttagacgtg ttggttaaat
  2701 cgattattgc tccaatacta gggttttgtt ttactatctg ttctgcggtc
  2751 cacacatctt cttcgctagt cacgtacgca aacaactcgg gccgcaaagg
  2801 tgtttaaaa catatcagat tagaatcttt tataacttgg ccgcattgta
  2851 aatagttgtg ccaacgcgcg ggaaacattt tacacgtgct ttcaatctta
  2901 tctcataaac gcaactaaat atgatccttc aactcgcttt acgagtagaa
  2951 ttc
HITS AT:    323-336
```

L12   ANSWER 2 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   140049-32-7   REGISTRY
ED   Entered STN: 03 Apr 1992
CN   GenBank M23027 (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   14: PN: WO02097042 PAGE: 7 unclaimed DNA
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: CA, CAPLUS, GENBANK, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
RN   140049-32-7   REGISTRY
FS   NUCLEIC ACID SEQUENCE
SQL   3745

SQL   867

L12   ANSWER 4 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   140545-78-4   REGISTRY
ED   Entered STN: 17 Apr 1992
CN   GenBank L00063 (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   GenBank K01568 (Secondary GenBank Accession Number)
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
SQL   1058

L12   ANSWER 5 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   141157-48-4   REGISTRY
ED   Entered STN: 08 May 1992
CN   DNA (human herpesvirus 5 strain AD169) (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   1999: PN: US20040009479 TABLE: 8 unclaimed DNA
CN   1: PN: WO2004058166 PAGE: 1 unclaimed DNA
CN   204: PN: WO03014381 SEQID: 97 unclaimed DNA
CN   2: PN: WO02062296 TABLE: 1 unclaimed DNA
CN   2: PN: WO2005035771 PAGE: 7 unclaimed DNA
CN   84: PN: US20050003341 PAGE: 35 unclaimed DNA
CN   90: PN: US20040022764 PAGE: 29-33 unclaimed DNA
CN   GenBank X17403
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                8 REFERENCES IN FILE CA (1907 TO DATE)
                9 REFERENCES IN FILE CAPLUS (1907 TO DATE)
SQL   229354

L12   ANSWER 6 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   142097-35-6   REGISTRY
ED   Entered STN: 26 Jun 1992
CN   RNA (dengue virus 1 strain S275/90) (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Ribonucleic acid (dengue virus 1 strain S275/90)
OTHER NAMES:
CN   7: PN: WO2005030800 PAGE: 19 claimed DNA
CN   GenBank M87512
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                3 REFERENCES IN FILE CA (1907 TO DATE)
                3 REFERENCES IN FILE CAPLUS (1907 TO DATE)
SQL   10717

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              (CA INDEX NAME)
OTHER NAMES:
CN    GenBank L01536
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   CA, CAPLUS, GENBANK


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                1 REFERENCES IN FILE CA (1907 TO DATE)
                1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


L12   ANSWER 8 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN    144680-68-2   REGISTRY
ED    Entered STN:   26 Nov 1992
CN    DNA (Vibrio vulnificus clone pATW501 gene hex plus flanks) (9CI)   (CA
      INDEX NAME)
OTHER CA INDEX NAMES:
CN    Deoxyribonucleic acid (Vibrio vulnificus clone pATW501 gene hex plus 5'-
      and 3'-flanking region fragment)
OTHER NAMES:
CN    GenBank L04544
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   BIOSIS, CA, CAPLUS, GENBANK


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                1 REFERENCES IN FILE CA (1907 TO DATE)
                1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


L12   ANSWER 9 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN    148514-02-7   REGISTRY
ED    Entered STN:   07 Jul 1993
CN    DNA (Erwinia carotovora carotovora clone cHIL159 operon out plus flanks)
      (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    Deoxyribonucleic acid (Erwinia carotovora carotovora clone cHIL159 operon
      out plus 5'- and 3'-flanking region fragment)
OTHER NAMES:
CN    GenBank X70049
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                1 REFERENCES IN FILE CA (1907 TO DATE)
                1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


L12   ANSWER 10 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN    153271-97-7   REGISTRY
ED    Entered STN:   25 Feb 1994
CN    DNA (dengue virus 1 strain S275/90) (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    Deoxyribonucleic acid (dengue virus 1 strain S275/90)
OTHER NAMES:
CN    DNA (Dengue virus serotype 1 (Singapore strain) DEN1-S275/90 genome cDNA)
FS    NUCLEIC ACID SEQUENCE
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L12   ANSWER 4 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   140545-78-4   REGISTRY
ED   Entered STN: 17 Apr 1992
CN   GenBank L00063 (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   GenBank K01568 (Secondary GenBank Accession Number)
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L12   ANSWER 5 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   141157-48-4   REGISTRY
ED   Entered STN: 08 May 1992
CN   DNA (human herpesvirus 5 strain AD169) (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   1999: PN: US20040009479 TABLE: 8 unclaimed DNA
CN   1: PN: WO2004058166 PAGE: 1 unclaimed DNA
CN   204: PN: WO03014381 SEQID: 97 unclaimed DNA
CN   2: PN: WO02062296 TABLE: 1 unclaimed DNA
CN   2: PN: WO2005035771 PAGE: 7 unclaimed DNA
CN   84: PN: US20050003341 PAGE: 35 unclaimed DNA
CN   90: PN: US20040022764 PAGE: 29-33 unclaimed DNA
CN   GenBank X17403
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                 8 REFERENCES IN FILE CA (1907 TO DATE)
                 9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

A

L12   ANSWER 6 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   142097-35-6   REGISTRY
ED   Entered STN: 26 Jun 1992
CN   RNA (dengue virus 1 strain S275/90) (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Ribonucleic acid (dengue virus 1 strain S275/90)
OTHER NAMES:
CN   7: PN: WO2005030800 PAGE: 19 claimed DNA
CN   GenBank M87512
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                 3 REFERENCES IN FILE CA (1907 TO DATE)
                 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L12   ANSWER 7 OF 1908   REGISTRY   COPYRIGHT 2005 ACS on STN
RN   143507-35-1   REGISTRY
ED   Entered STN: 18 Sep 1992
CN   DNA (Mycobacterium leprae clone b1912 38,503-nucleotide fragment) (9CI)

```
SORT ENTIRE ANSWER SET? (Y)/N:Y
ENTER SORT FIELDS AND SORT DIRECTION (?):RN
SORT IS APPROXIMATELY    1% COMPLETE
SORT IS APPROXIMATELY    9% COMPLETE
SORT IS APPROXIMATELY   19% COMPLETE
SORT IS APPROXIMATELY   45% COMPLETE
SORT IS APPROXIMATELY   55% COMPLETE
SORT IS APPROXIMATELY   66% COMPLETE
SORT IS APPROXIMATELY   76% COMPLETE
SORT IS APPROXIMATELY   85% COMPLETE
SORT IS APPROXIMATELY   95% COMPLETE
PROCESSING COMPLETED FOR L2
L12          1908 SORT L2 RN


=> D L12 IDE 1-10


L12  ANSWER 1 OF 1908  REGISTRY  COPYRIGHT 2005 ACS on STN
RN    135059-50-6  REGISTRY
ED    Entered STN:  26 Jul 1991
CN    DNA (Autographa californica nucleopolyhedrovirus clone p12-ES
      2.95-kilobase EcoRI-SalI fragment) (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    Deoxyribonucleic acid (Autographa californica nuclear polyhedrosis virus
      clone p12-ES 2.95-kilobase EcoRI-SalI fragment)
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    CA
LC    STN Files:   CA, CAPLUS


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


L12  ANSWER 2 OF 1908  REGISTRY  COPYRIGHT 2005 ACS on STN
RN    140049-32-7  REGISTRY
ED    Entered STN:  03 Apr 1992
CN    GenBank M23027 (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN    14: PN: WO02097042 PAGE: 7 unclaimed DNA
FS    NUCLEIC ACID SEQUENCE
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   CA, CAPLUS, GENBANK, USPATFULL


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


L12  ANSWER 3 OF 1908  REGISTRY  COPYRIGHT 2005 ACS on STN
RN    140276-78-4  REGISTRY
ED    Entered STN:  10 Apr 1992
CN    GenBank M23756 (9CI)   (CA INDEX NAME)
FS    NUCLEIC ACID SEQUENCE; WITHDRAWN GENBANK ACCESSION NUMBER
MF    Unspecified
CI    MAN
SR    GenBank
LC    STN Files:   GENBANK


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
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           JP 1997-320692        19971127
DT     Utility
FS     GRANTED
EXNAM  Primary Examiner: Fredman, Jeffrey; Assistant Examiner: Chakrabarti,
       Arun
LREP   Birch, Stewart, Kolasch & Birch, LLP
CLMN   Number of Claims: 15
ECL    Exemplary Claim: 1
DRWN   17 Drawing Figure(s); 17 Drawing Page(s)
LN.CNT 2960
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB     The present invention relates to a thermostable DNA polymerase-
       associated factor capable of enhancing DNA synthesizing-activity of a
       DNA polymerase; a thermostable DNA polymerase-associated factor
       possessing an activity of binding to a DNA polymerase and a method for
       producing the same; a gene encoding the DNA polymerase-associated
       factor; a method of DNA synthesis by using a DNA polymerase in the
       presence of the DNA polymerase-associated factor; and a kit comprising
       the DNA polymerase-associated factor. According to the present
       invention, there can be provided in vitro DNA synthesis and a DNA
       amplification system which are more excellent than conventional
       techniques by utilizing the DNA polymerase-associated factor of the
       present invention.


L6     ANSWER 7 OF 443  USPATFULL on STN
AN     2001:162998  USPATFULL
TI     DNA sequences for strain analysis in Mycobacterium tuberculosis
IN     Fleischmann, Robert David, Gaithersburg, MD, United States
       White, Owen Richardson, Rockville, MD, United States
       Fraser, Claire Marie, Potomac, MD, United States
       Venter, John Craig, Potomac, MD, United States
PA     The Institute for Genomic Research, Rockville, MD, United States (U.S.
       corporation)
PI     US 6294328      B1    20010925                               <--
AI     US 1998-103840        19980624 (9)
DT     Utility
FS     GRANTED
EXNAM  Primary Examiner: Fredman, Jeffrey; Assistant Examiner: Chakrabarti,
       Arun Kr.
LREP   Morrison & Foerster LLP
CLMN   Number of Claims: 11
ECL    Exemplary Claim: 1
DRWN   No Drawings
LN.CNT 233
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB     The present invention is directed to novel methodology whereby different
       populations of the tuberculosis bacterial pathogen, Mycobacterium
       tuberculosis, or related Mycobacteria, can be genetically classified in
       relation to other isolates. Sites in the genome of Mycobacterium, which
       define previously unrecognized points of variability, are disclosed. The
       existence of this variability is of use to the clinician in order to
       consistently determine the identity of isolates of Mycobacterium
       responsible for individual cases of disease or disease outbreaks, thus
       suggesting appropriate choices for treatment protocols.


L6     ANSWER 8 OF 443  USPATFULL on STN
AN     2001:55761  USPATFULL
TI     Piggybac transposon-based genetic transformation system for insects
IN     Shirk, Paul D, Gainesville, FL, United States
       Fraser, Jr., Malcolm J., Granger, IN, United States
       Elick, Teresa A., Warsaw, IN, United States
       Perera, Omaththage P., Gainesville, FL, United States
PA     The United States of America as represented by the Secretary of
       Agriculture, Washington, DC, United States (U.S. government)
       University of Notre Dame, Notre Dame, IN, United States (U.S.
```

DT   Utility
FS   APPLICATION
LREP   BIRCH STEWART KOLASCH & BIRCH, PO BOX 747, FALLS CHURCH, VA, 22040-0747
CLMN   Number of Claims: 5
ECL   Exemplary Claim: 1
DRWN   17 Drawing Page(s)
LN.CNT 2938
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   The present invention relates to a thermostable DNA polymerase-
        associated factor capable of enhancing DNA synthesizing-activity of a
        DNA polymerase; a thermostable DNA polymerase-associated factor
        possessing an activity of binding to a DNA polymerase and a method for
        producing the same; a gene encoding the DNA polymerase-associated
        factor; a method of DNA synthesis by using a DNA polymerase in the
        presence of the DNA polymerase-associated factor; and a kit comprising
        the DNA polymerase-associated factor. According to the present
        invention, there can be provided in vitro DNA synthesis and a DNA
        amplification system which are more excellent than conventional
        techniques by utilizing the DNA polymerase-associated factor of the
        present invention.

L6   ANSWER 5 OF 443 USPATFULL on STN
AN   2002:67352 USPATFULL
TI   Novel delta-endotoxins and nucleic acid sequences coding therefor
IN   Wojciechowska, Jana Alexandrovna, Moscow, RUSSIAN FEDERATION
        Lewitin, Evgeny Ilyich, Moscow, RUSSIAN FEDERATION
        Zalunin, Igor Arsenievich, Moscow, RUSSIAN FEDERATION
        Revina, Ludmila Pavlovna, Moscow, RUSSIAN FEDERATION
        Chestukhina, Galina Georgievna, Moscow, RUSSIAN FEDERATION
PI   US 2002038005   A1   20020328   <--
AI   US 2001-756526   A1   20010108 (9)
PRAI   US 2000-175158P   20000107 (60)
DT   Utility
FS   APPLICATION
LREP   SYNGENTA BIOTECHNOLOGY, INC., PATENT DEPARTMENT, 3054 CORNWALLIS ROAD,
        P.O. BOX 12257, RESEARCH TRIANGLE PARK, NC, 27709-2257
CLMN   Number of Claims: 29
ECL   Exemplary Claim: 1
DRWN   No Drawings
LN.CNT 3446
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   Novel delta-endotoxin genes cry26Aa1 and cry28Aa1 isolated from Bacillus
        thuringiensis ssp. finitimus, whose expression results in novel
        delta-endotoxins, are disclosed herein. The invention also discloses
        compositions and formulations containing the toxins that are capable of
        controlling insect pests. The invention is further drawn to methods of
        making the toxins and to methods of using the genes, for example in
        microorganisms to control insect pests or in transgenic plants to confer
        insect resistance.

L6   ANSWER 6 OF 443 USPATFULL on STN
AN   2001:235091 USPATFULL
TI   DNA polymerase-related factors
IN   Uemori, Takashi, Otsu, Japan
        Sato, Yoshimi, Kurita-gun, Japan
        Fujita, Tomoko, Takatsuki, Japan
        Miyake, Kazue, Uji, Japan
        Mukai, Hiroyuki, Moriyama, Japan
        Asada, Kiyozo, Koga-gun, Japan
        Kato, Ikunoshin, Uji, Japan
PA   Takara Shuzo Co., Ltd., Kyoto, Japan (non-U.S. corporation)
PI   US 6333158   B1   20011225   <--
AI   US 2000-712266   20001115 (9)
RLI   Continuation of Ser. No. US 446504, now patented, Pat. No. US 6218150
PRAI   JP 1997-187496   19970626

ED   Entered STN: 25 Jun 1999
CN   DNA (Acomys cahirinus clone pAcah2 tandem repeat satellite
      region-containing fragment) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN   GenBank AF079866
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: CA, CAPLUS, GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                 1 REFERENCES IN FILE CA (1907 TO DATE)
                 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13   ANSWER 1826 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN
RN   225630-84-2 REGISTRY
ED   Entered STN: 25 Jun 1999
CN   DNA (Acomys cahirinus clone pAcah1 tandem repeat satellite
      region-containing fragment) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN   GenBank AF079865
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: CA, CAPLUS, GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                 1 REFERENCES IN FILE CA (1907 TO DATE)
                 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13   ANSWER 1827 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN
RN   225554-64-3 REGISTRY
ED   Entered STN: 25 Jun 1999
CN   DNA (Bacillus thuringiensis finitimus strain VKPM B-1166 clone pF1 gene
      cry26Aa1 plus flanks) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN   DNA (Bacillus thuringiensis finitimus strain VKPM B-1166 clone pF1
      δ-endotoxin Cry26Aa1 gene plus flanks)
CN   GenBank AF122897
FS   NUCLEIC ACID SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files: CA, CAPLUS, GENBANK, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
                 1 REFERENCES IN FILE CA (1907 TO DATE)
                 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13   ANSWER 1828 OF 1908 REGISTRY COPYRIGHT 2005 ACS on STN
RN   225494-34-8 REGISTRY
ED   Entered STN: 18 Jun 1999
CN   DNA (Streptomyces coelicolor strain A3(2) clone 6G10 genome fragment)
      (9CI) (CA INDEX NAME)
OTHER NAMES:
CN   GenBank AL049497
FS   NUCLEIC ACID SEQUENCE; SECONDARY GENBANK ACCESSION NUMBER
MF   Unspecified